



State of New Hampshire  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095

(603) 271-2457 FAX (603) 271-7894



Steve Driscoll  
Marriot Residence Inn  
32 Centerra Parkway  
Lebanon, New Hampshire 03766

LETTER OF DEFICIENCY  
WMB PBF 02-21  
May 13, 2002

Dear Mr. Driscoll:

The Department of Environmental Services, Water Division ("DES") is required by RSA 485-A:26 to operate a program to ensure the health and safety of the public when using public bathing facilities such as pools and spas. To implement this program, DES has adopted administrative rules Env-Ws 1101-1105 to specify the design, operation, and maintenance requirements for public bathing facilities. DES reviews applications for new public bathing facilities and also inspects and tests the water in existing public bathing facilities to ensure that applicable requirements are being met.

On May 8, 2002, DES inspected the following public bathing facilities at the Marriot Residence Inn, in Lebanon, NH: the indoor pool ("Pool") and spa ("Spa"). During this inspection the following deficiencies were noted:

- 1 A recommendation to super chlorinate the Pool was issued on May 13, 2002. The inspection on May 8, 2002 revealed that the Pool was in violation of Env-Ws 1103.14 and unsafe for public use. The following bacterial violation was observed in the Pool water:
  - (a) Pursuant to Env-Ws 1103.14(a)(2) the maximum allowable Heterotrophic Plate Count (HPC) in public bathing facility water is five hundred colony-forming units per one milliliter (500 cfu/mL). The Pool water contained 2,140 cfu/mL.
2. Env-Ws 1103.15(c) requires a bromine concentration between 2.0 mg/L and 4.0 mg/L in public pool water. The bromine concentration of the Pool water was 1.0 mg/L on May 8, 2002.
3. Env-Ws 1103.16(f) requires a pH between 7.0 and 7.8 in public spa water. The pH of the Spa water was 7.9 on May 8, 2002.
4. Env-Ws 1105.01(k)(19) requires pool filtration systems to include a flow meter. The filtration system for the Pool did not include a functioning flow meter.
5. Env-Ws 1105.03(d)(2) requires spa filtration systems to include a flow meter. The filtration system for the Spa did not include a functioning flow meter.


A report outlining how compliance will be achieved with the cited deficiencies should be submitted to DES within 30 calendar days from receipt of this letter. The report should include the following:

A copy of two weeks of water quality test results for all facilities (please do not send originals).

2. The type, manufacture, and model of the flow meters to be installed.
3. A timetable of when the installation of the flow meters will be completed.

DES personnel will conduct another inspection at a later date to determine whether you have come into, and are maintaining, full compliance with RSA 485-A:26 and Env-Ws 1101-1105. After a violation of Env-Ws 1103.14, the facility will be required to pass two inspection in the following months. In the event that compliance is not achieved, DES may take further action, including seeking an administrative fine up to \$2,000 for each offense or referring the case to the NH Attorney General's Office for judicial action.

We appreciate your cooperation in this matter. Please contact Amy Wilson at (603) 271-7108 if you have any questions regarding this letter. Copies of Env-Ws 1101-1105 are available through the DES Public Information Center at (603) 271-2975 or via the Internet at <http://www.des.state.nh.us/pools/env1100.pdf>.

Sincerely,  
  
**COPY**  
Jody Connor  
Limnology Center Director

cc: Mark Harbaugh, Enforcement Attorney, DES  
Russell A. Nylander, P.E., Chief Engineer, WD/DES  
Amy Wilson, Public Bathing Facility Coordinator, DES  
Calvin Hunnewell, Health Officer, Town of Lebanon